

COMPOSITIONS AND METHODS FOR  
DETECTING ADULT *TAENIA SOLIUM*

ABSTRACT OF THE INVENTION

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Compositions and methods for the detection of adult  
*Taenia solium* and the diagnosis and treatment of *T. solium*  
infection are described. The compositions contain one or more  
adult *T. solium* polypeptides. The polypeptides are useful as  
diagnostic agents for the detection of adult tapeworm infection.  
More preferably, the polypeptides are *T. solium* glycoprotein  
antigens referred to herein as *T. solium* excretory/secretory  
(TS/ES) polypeptides. The most preferred TS/ES polypeptide has  
a molecular weight of approximately 33 kDa, 38 kDa, or 42 kDa  
as determined by SDS-PAGE analysis.

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